



# ecology and environment, inc.

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International Specialists in the Environmental Sciences

DATE: July 14, 1983  
TO: File/USEPA Region V  
FROM: Robert Bartholomew  
SUBJECT: Preliminary Assessment *Illinois*  
Illinois/TDD#R5-8212-01A-136  
East Moline/John Deere Harvester Works  
ILD025423054

Attached is EPA's Preliminary Assessment Form 2070-12 for the above referenced site.

Primary information was gathered from the following source(s):

1. U. S. Environmental Protection Agency files, Region V - Chicago
2. Illinois Environmental Protection Agency files,
3. Springfield Office

Information indicates the following responsible parties should be listed. They are listed here because of space limitations:

- 1.
- 2.
- 3.

Presently, data gaps or no verification exists in the following key area(s):

- 1.
- 2.
- 3.

A review of the available data indicates that additional information will be necessary to assess the impact(s) on:

1. Groundwater
2. Surface water
- 3.
- 4.
- 5.

EPA Region 5 Records Ctr.



305340

Suggested methods/sources for obtaining additional information are:

1. Site Inspection
2. Potential for contamination study (if warranted by on site inspection).
- 3.

Notice of an apparent need for emergency action was transmitted to \_\_\_\_\_ on \_\_\_\_\_  
by \_\_\_\_\_.



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IL D025423054

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) John Deere Harvester Works		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 1100 13th Avenue				
03 CITY East Moline		04 STATE IL	05 ZIP CODE 61244	06 COUNTY Rock Island	07 COUNTY CODE 161	08 CONG DIST 17
09 COORDINATES LATITUDE 41°31'46.0"		LONGITUDE 090°27'05.0"		Silvis Quad		
10 DIRECTIONS TO SITE (Starting from nearest public road) Route 92, 1st Ave, to 13th St. North on 13th St. to 13th Ave. Left on 13th Ave to facility at 1100.						

III. RESPONSIBLE PARTIES

01 OWNER (If known) Deere & Company		02 STREET (Business, mailing, residential) John Deere Road				
03 CITY Moline		04 STATE IL	05 ZIP CODE 61265	06 TELEPHONE NUMBER (309) 752-8000		
07 OPERATOR (If known and different from owner) John Deere		08 STREET (Business, mailing, residential) 1100 13th Avenue				
09 CITY East Moline		10 STATE IL	11 ZIP CODE 61244	12 TELEPHONE NUMBER (309) 752-6272		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN						

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)  
☒ A. RCRA 3001 DATE RECEIVED: 8/18/80 MONTH DAY YEAR ☒ B. UNCONTROLLED WASTE SITE (CERCLA 103 G) DATE RECEIVED: 6/9/81 MONTH DAY YEAR ☐ C. NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 3/6/81 MONTH DAY YEAR <input type="checkbox"/> NO		BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): _____	
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION ~1900 BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN	

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED  
CERCLA 103(c) notice indicates organics, heavy metals, acids and bases

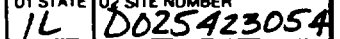
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION  
Former landfill is located immediately adjacent to the Miss. R in permeable soils. Leachate may threaten surface water, drinking water supplies. High flow events in Miss. R. may threaten local ground water.

V. PRIORITY ASSESSMENT

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)  
☐ A. HIGH (Inspection required promptly) ☐ B. MEDIUM (Inspection required) ☐ C. LOW (Inspect on time available basis) ☐ D. NONE (No further action needed, complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 CONTACT Mark Haney		02 OF (Agency/Organization) IEPA - Springfield IL		03 TELEPHONE NUMBER (217) 782-6760	
04 PERSON RESPONSIBLE FOR ASSESSMENT		05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER ( )	08 DATE ____/____/____ MONTH DAY YEAR





POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IL D025423054

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: 12,500 04 NARRATIVE DESCRIPTION

Leachate generation may threaten local water systems during high flow events in Miss R. All municipal wells are up gradient.

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: 66,000+ 04 NARRATIVE DESCRIPTION

Leachate or groundwater discharge to Miss. R. may threaten environment and water supplies.

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

N/A

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

N/A

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

N/A

01 ☐ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 AREA POTENTIALLY AFFECTED: \_\_\_\_\_ (Acres) 04 NARRATIVE DESCRIPTION

01 ☒ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: 79,500+ 04 NARRATIVE DESCRIPTION

Local groundwater and surface water supplies may be threatened

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 WORKERS POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
IL D025423054

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☒ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

Release to surface water, Miss. R., of heavy metals, organics may threaten the food chain

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills/runoff/standing liquids/leaking drums)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: 79,000

04 NARRATIVE DESCRIPTION

Hazardous substances have been placed in naturally occurring permeable soils and in a flood prone area

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

N/A

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

N/A

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_

IV. COMMENTS

Deere no longer uses their on site landfill. Waste Quantity is unknown  
Facility has RCRA Interim Status.

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

USEPA Region X Files Chicago  
IEPA Files